

(SF-1855)

CUTTING AND BENDING MACHINE TOOLS SHOWN AT THE
1961 LEIPZIG SPRING FAIR, BY ING H. PUSCHMANN,
6 PP.

GERMAN, PER, MASCHINENBAU TECHNIK, NO 7, JUL 1961,
PP 356-361.

JPRS 12279

ECON
FEB 62

182,970

(SF-1855)

GEAR ENGINEERING AT THE 1961 LEIPZIG SPRING
FAIR, BY DIPL-ING, R. ALTSCHUL, NB 5 PP.

GERMAN, PER, MASCHINENBAU TECHNIK, NO 7, JUL 1961,
PP 362-366.

JPRS 12279

ECON
FEB 62

182,971

(SF-1855)

THE NEW TECHNOLOGY PLAN PAVES THE WAY FOR
SOCIALISM, BY H DOHERR, 8 PP.

GERMAN, PER, MASCHINENBAU TECHNIK, VOL X,
NO 11, 1961, PP 569-572.

JPRS 12473

EEUR - GERMANY
ECON .
MAR 62
EE

183,164

R-245/63

Production of Cogwheels Through Hot Rolling, by Janos
Paxian, NY-7751 11, p.

GERMAN, per, Der Maschinenbau, VEB Verlag Technik,
No 1, 1962, pp 15-18.

Q
*UPRE

SPECIAL

S:1

Jul 63

The Behaviour of Case-Hardened Steels Under
Dynamic Stresses, by H. Tausch, E. Stecher.

GERMAN, per, Maschinenbau Technik, Vol H XI,
No 1, 1962, pp 37-44.

ENC 298

Sci - M/M
Feb 63

222,498

The Manufacture and Export of Machine Tools
in the GDR, by H. Madler, 3 pp.

GERMAN, per, Maschinenbautechnik, Vol XI,
No 7, 1962, pp 341.

JPRS 15471.

KHr - Germany
Econ
Oct 62
EH

212,509

THE HYDRAULIC EQUIPMENT OF THE SHIP RAILWAY
AT THE STRALSUND VOLKSWERFT SHIPYARD, BY
H. D. HENNIG, 35 PP.

GERMAN, PER, MASCHINENBAUTECHNIK, VOL XI,
NO 10, OCT 1962, PP 528-535.

JPRS 17051

EUR - GERMANY
ECON,
SCI - ENGR
JAN 63

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On the Question of Damping the Aerodynamic Force
in Vane Vibration, by H. Hiller, 18 pp.

GERMAN, per, Maschinenbautechnik, No 10, Oct 1962,
pp 536-541. 9683132

~~XXXXXXXXXX~~
FTD-TT-63-288

Sci-Engr

~~XXXXXX~~

Jun 63

Development of the Machine Tool Industry in the GDR,
by H. Berthold, R. Lauroschat, 8 pp.

GERMANY, per, Maschinenbautechnik, No 9, 1964,
pp 453-457.

JPRS 27613

MEur-East Germany

Econ

Jan 65

272,165

FACILITIES FOR FLOW INVESTIGATIONS AT THE INSTITUTE
FOR APPLIED AERODYNAMICS OF THE TECHNICAL
UNIVERSITY IN DRESDEN, BY F. DETSCH, 9 PP.

GERMAN, PER, MASCHINENBAUTECHNIK, VOL XII, NO 5,
1963, PP 269-271.

JPRS 20378

SCI - PHYS

JUL 63

237,580

Non-Destructive Testing by Magnetic-
and Induction Methods, by E. Fuhrmann.
GERMAN, per, Maschinenbautechnik,
Vol 13, No 9, 1964, pp 471-479.
DISI 4166

EE-Ger
Sci/HMM
Jun 65

281,007

DEVELOPMENT OF A 25 MW PEAK LOAD GAS TURBINE
PLANT FOR THE POWER INDUSTRY OF THE GDR, BY
H. WEISSLEDER, E. SCHULT, ET AL, 26 PP.

GERMAN, PER, MASCHINENBAU-TECHNIK, BERLIN, NO 3,
1963, PP 113-123.

JPRS 19054

EEUR-GERMANY

ECON
MAY 63

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The Aerodynamic Bearing, by G. Heinrich,
15 pp.

GERMAN, per, Maschinenbau u Warmewirtsch,
Vol VII, No 8, 1952, pp 129-135.

SLA R-2272

AEC-Tr-2920

Sci

Aug 58

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A Supersonic Drilling Machine, by K. Wentwig, 3 pp.

GERMAN, per, Maschinenbau und Waernewirtschaft, Vol
IX, No 8, 1955, pp 234-235.

ATTC F-TS-8508/III

Sci - Engineering
Mar 1957 CTS

45,034

Tendencies in the Development of Gas Turbines,
by W. Bryniewicz. UNCLASSIFIED

GERMAN, DDR, Maschinenbau u. Werkzeug, Vol X, No 3,
pp 37-44; No 6, 1955, pp 177-184.

TIL OF/3205

Sol - Bgr
Nov 58

76,889

The Mechanical Coupling Effect of Unilateral
Traction in the Electrical Machine, by E.
Swatosch.

GERMAN, per, Maschinenbau und Warmewirtschaft,
1958, pp 636-645.

CSIRO

Sci - Electronics
Oct 61

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The Results of Ultrasonic Testing in the
Practice of Machine and Boiler Construction
Concerning the Material and Strength Properties of
Components, by Hans Juergen Meyer.
GERMAN, per, Maschinenfabrik Augsburg-Nuernberg,
AEC ORNL-tr-1369

Sci - Eng
Oct 67

342,316

63-15069

INVESTIGATION OF BURNOUT IN BOILING WATER.
Quarterly rept. no. 2, pt. 1 (technical pt.) 1 Jan-31
Mar 62, on Contract 057-61-RDD. [1963] 12p.
Order from OTS or SIA \$1.60 EURAEC-303

Trans. of a rept. from Maschinenfabrik Augsburg-
Nürnberg AG, Nuremberg (West Germany) 16 Apr 62.

DESCRIPTORS: *Boiling, *Water, *Test equipment,
Pipes, Fluid flow, Power supplies, Thermocouples,
Measurement, Design, Construction.

The basic construction of the high-pressure piping and
apparatus for the experiment was concluded. The
measurement sections for the round, inside-cooled
tubes were constructed in detail. The project of the
measurement installation for determining the density
of wet steam mixtures at the inlet and outlet of the
(Nuclear Physics--Nuclear Engineering, TT, v. 10, no. 4)
(over)

1. Title: Burnout
- I. EURAEC-303
- II. European Atomic Energy
Community, Brussels
(Belgium)

Office of Technical Services

INVESTIGATION OF BURNOUT IN BOILING WATER.
Quarterly rept. no. 3, pt. 1 (technical pt.) 1 Apr-
30 June 62, on Contract 057-61 RDD. [1963] 7p.
Order from OTS or SLA \$1.10 EURAEC-404

Trans. of a rept. from Maschinenfabrik Augsburg-
Nürnberg AG, Nuremberg (West Germany) 30 June 62.

DESCRIPTORS: *Boiling, *Water, *Test equipment,
Pipes, Thermocouples, Surface temperature, Measure-
ment, Design, Construction.

The construction of the measurement sections and
mock-ups was continued and the current supply planned
for the measurement section was tested at 320 atm.
and 200°C. Preliminary tests were commenced for the
trial of a double thermocouple. For the analysis of the
available experimental results, a program was drawn
(Nuclear Physics--Nuclear Engineering, TIT, v. 10, no. 4)
(over)

63-15071

1. Title: Burnout
- I. EURAEC-404
- II. European Atomic Energy
Community, Brussels
(Belgium)

Office of Technical Services

The Influence of Hydrodynamic Lubrication on the
Development of Sleeve Bearings, by W. Froessel,
11 pp.

GERMAN, Ger, Maschinenmarkt, Vol LXXI, No 40, 1956.
9212351

AEC/TRG Info Ser 288(CA)

Sci - Engr

Oct 63

345, 199

MASCHINENMARKET

1957 V63 N22 H1-8

78-22057 <*>

ORDER FROM NYC

The Support of Fast-Rotating High-Powered Gear Units,
by W. Proessel, 9 pp.

GERMAN, per, Maschinenmarkt, Vol LXIII, 1957, No 22,
pp 1-4.
AKK

AEC-TRG-Inf-Ser-287

Sci - Engr

Aug 63

341,316

Strip Coller Calculation, by P. Gruner,
K. Neumann.
GERMAN, per, Maschinenmarkt, Vol LXVIII, No 78,
1962, pp 29-30.
*BISI 3838

Sci - Engr
Sep 64

Strip Collier Calculation, by P. Gruner, K. Neumann.
GERMAN, per, Maschinenmarkt, Vol LXVIII,
No 83, 1962, pp 15-24.
•BIS 3888

Sci - Engr
Sep 64

Effect of Cutting Temperature on the Life of
Ceramic Cutter Materials, by E. Lenz.

GERMAN, per, Maschinenmarkt, Vol 69, No 28,
1963, pp 1-12.

NTC 71-14076-13I

Feb 72

Calculations for Strip Coilers, by P. Gruner,
K. Neumann.

GERMAN, rpt, Maschinenmarkt Spanlose Formung,
Parts I, II, No 85, 78, 1962, pp 15-24, 29-30.

*BISI 3208

Sci - Engr
Aug 63

Standard Shaped Parts, by P. Bouzovsk, UNCL.

GERMAN, per, Maschinenmarkt u. Elektrowirtschaft,
Vol. V, 1950, No 16/17, Sep. 1950.

British Iron and Steel Ind
(no number given)

Sol - Min/Met
Sep 59

98,159

Comments on New and Existing Hard Metals, by
F. Kolbl. UNCL

CHEGIAN, par, Maschinenmarkt u Elektrowirtschaft,
No 18, 1950.

British Iron and Steel Ind
(no number given)

Sci - Min/Est
Esp 59

98, 246

The Development of Strip Collar Designs, by P. Gruner.
GERMAN, per, Maschinemarkt Spanlose Formung, Vol LXIX,
No 6, 1963, pp 16-25.

BISI 3345

Sci - Engr
Mar 64

251,683

Hard Chromium Plating, A Method for Repairing Worn
Machine Parts, by H. Schmidt, 6 p.

GERMAN, PAT, Maschinenschaden, 1939, Vol XVI,
No 4, pp 54-55.

SLA 59-20301

Sci
Mar 60
Vol 3, No 1

110,931

Metal Spraying and Its Use for the Production of
Wear Resistant Coatings, by G. ~~SEHN~~, 10 p.
Schenk,

GERMAN, per, Maschinenschaden, 1939, Vol XVI, No 5,
pp 69-75.

SLA 59-20900

Sci
Mar 60
Vol 3, No 1.

110,930

Im
Thermal Unbalance on the Inductors of Large Turbo-
Generators, by W. Eymel.

GERMAN, per, Maschinenschaden, Vol XXVIII, No 3-4,
Apr 1955, pp 41-42.

ASLIB-GB43

Sci

Aug 59

95,275

On the Starting and Stopping of Turbo-Generators
in Order to Avoid Damage to the Rotor Windings,
by H. Braun,

GERMAN, per, Maschinenschaden, Vol XXIX, No 5/6,
pp 71-75, 1956,

C.S.I.R.O.

Sci - Eng

May 60

116,434

Causes of Rotor Failures in Three-Phase Σ of
Squirrel-Cage Motors, by R. Braun.

GERMAN, per, Maschinenschaden, Vol XXXII,
No 9/10, 1959, pp 136-143.

GB/153/321

Sci
Dec. 62

Wet Conservation and Shut-Down Corrosion of Steam
Generators, by K. Freier.
GERMAN, per, Maschinenschaden, Vol XXXVI, No 4,
1963, pp 50-55.
CEGB 3195

Sci - Engr
Apr 64

255,124

Preventive Maintenance of Industrial
Plants, by H. Grothus.
GERMAN, per, Maschinenschaden, Vol 37,
No 3/4, 1964, pp 33-39.
*BISI 6798

NCL 2-6 4002.06(6798)

Sci/Materials
Jan 69

Sleeve Bearings for Absorption of End Thrusts,
by Otto Geradorfer, 23 pp.

GERMAN, per: Maschinenwelt und Elektrotechnik,
Vol XI, No 5/6, 1956, pp 63-67.

SLA 59-20939

Sci

OTS, Vol III, No 8

Apr 61

145, 137

MASCHINENRELT UND ELEKTROTECHNIK
1955 V13 N23/A PADU-451 7019 (HISI)

ORDER FROM NYC

The New Bar-, Profile- and Wire-Rolling Mill of
the Bohler Bros. & Co.A.G. in Kapfenberg,

GERMANY, per, Maschinenwelt und Elektrotechnik,
Vol XVI, No 3, 1961, pp 121-122.

BISI 2596

Sci -- Engr

May 62

List 127

196, 178

Late Skeletal Changes Seldom Observed Roentgenologically
Following Suicide Attempt with Electric Power,
by B. Freyer, 6 pp.

GERMAN, per, Maschr Unfallheilk, Vol LXIII, 1960,
pp 349-352.

Dept of Navy Tr 4816/NMC No 1015

Sci - B & M

Nov 65

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Kurdov, I., Ilinov, P., and Antonov, L.
NOTES ON THE PRODUCTION OF DIRECT BLACK
DYE. [1962] 5p.

Order from ATS \$9.25

ATS-85P65B

Trans. of Mashinostroene (Bulgaria) 1956, v. 5, no. 8,
p. 34-38.

DESCRIPTORS: *Dyes, Colors, Production.

(Engineering--Chemical, TT, v. 9, no. 9)

63-12645

I. Kurdov, I.
II. Ilinov, P.
III. Antonov, L.
IV. ATS-85P65B
V. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

SETEE

(NY-4173)

Possibilities for Automation of Production in the
Kolarovgrad Machine-Building Plant, by Konstantin
Kozmov, Kamen Naydenov, Nikolay Nachev, Todor
Slavov, 10 pp.

BULGARIAN, per, Mashinostroene, Vol I, No 1,
1960, Sofia, pp 35-39.

JPRS 5578

EEur - Bulgaria
Econ - Manufacturing
Oct 60

127, 25

127, 230

SEITE

(NY-4173)

The Problem of Iron Casting in the Machine-Building Industry, by Nanyu Mitev, 8 pp.

BULGARIAN, per, Mashinostroene, Vol I, No 1, 1960, Sofia, pp 39-42.

JPRS 5578

EEur - Bulgaria
Econ - Manufacturing
Oct 60

127,231

SETEE

(*key-417.3*).

The 12th Session of CEMA, by R. Rusev, 5 pp.

BULGARIAN, per, Mashinostroene, Vol I, No 1, 1960,
pp 44.

*JPRS 55 78

EEur-Bulgaria

Econ-Industrial Development

26 May 60

Cooperation in Machine Building.

BULGARIAN, Per, Mashinostroene, Vol I, No 2, 1960,
pp 1-3.

FDD Sum 2618

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EEur-Bulgaria

Econ-Manufacturing

Jun 60

(NY-4295)

Improving the Quality of Machine-Building
Production, by Khr. Chernev, 7 pp.

BULGARIAN, per, Mashinostroeni, Vol I, No 2,
Sofia, 1960, pp 32-34.

JPRS 5922

EEur - Bulgaria

Econ

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Nov 60

(NY-4295)

Specialization of Foundries in Bulgaria, by
Petar Ivanov, 10 pp.

BULGARIAN, per, Mashinostroena, Vol I, No 2,
Sofia, 1960, pp 35-38.

JPRS 5922

EEur - Bulgaria

Econ

131,690

Nov 60

SETEE

(ny-5060).

Training and Proper Distribution of Engineering-
Technical Personnel in Machine Building, *Spec.*

BULGARIAN, per, Mashinostroene, Vol IX, No 4, 1950,
pp 1-3 (partial).

JPRS 7634

EEur - Bulgaria

Econ - Manufacturing, Machine Building

27 Sep 60

(EX-5059)

~~High-Speed Milling of Machine-Building and~~
~~Metal-Working Enterprises, 7 pp.~~

BULGARIAN, per, Machinostroyeni, Vol IX, No 6/7,
1960, pp 1-3.

JPRS 7624

EEur - Bulgaria

Econ

Feb 61

139,159

(DC-5072)

Specialization of Production in Machine Building,
by Atanas Izmirliov, Petur Kalev, 10 pp.

BULGARIAN, per, Mashinostroyeniye, Vol IX, No 9,
1960, pp 37-40.

JPRS 6739

EFAX - Bulgaria

Recon

Feb 61

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Band of the Boundary of Fatigue with
Other Mechanical Properties on Metal,
by A. Bukh, 10 pp.
BULGARIAN, per, Mashinostroene, No 4,
1964, pp 20-23. 9699094
FTD-TT-65-1045

Sci - M/M
Feb 66

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THE STATUS AND FUTURE DEVELOPMENT OF FOUNDRIES
IN YUGOSLAVIA, RANKO SOTRA, 19 PP.

CROATIAN, PER, MASINSTVO, NO 9, 1961,
PP 1717-1723.

JPRS 15970

EEUR-YUGOSLAVIA
ECON.
NOV 62

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FORGES AND PRESSES IN YUGOSLAVIA, BY BORIVOJE
MARKOVIC, 22 PP.

CROATIAN, PER, MASINSTVO, NO 9, 1962,
PP 1724-1732.

JPRS 15970

EEUR-YUGOSLAVIA

ECON.
NOV 62

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Handwritten Machine Tools Produced in Hugo-
slavia, by Lando Stank, 25 pp.

CHOCOLATE, par, Ministro, No 10, 1962,
pp 1982-1984.

JMS 16362

HBur - Yugoslavia
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H Dec 62

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Minkov, P.
DATA ON THE THERMODYNAMIC PROPERTIES OF
FREON 113 FROM 0-150° C. [1963] 6p.
Order from ATS \$9.00

ATS-190683

Trans. of Mashinostroene (Bulgaria) 1962, v. 11,
no. 5, p. 19-21.

DESCRIPTORS: *Thermodynamics, Hydrocarbons,
Fluorides, Temperature.

(Physics--Thermodynamics, TT, v. 10, no. 5)

63-17136

- I. Title: Freon 113
- I. Minkov, P.
- II. ATS-190683
- III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

CURRENT DEVELOPMENT OF MENTAL-PROCESSING INDUSTRY
AND PLAN FOR 1963, BY STEVAN CONKIC, 11 PP.

CROATIAN, PER, MASINSTVO, VOL XII, NO 1, 1963,
PP 89-99.

JPRS 17845

EEUR - YUGOSLAVIA
ECON
MAR 63

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MALAYALAM-ZHINDVUC DELI

1955 V11 P586-591 70-22653 (*)

1955 V14 N2 P10-11 59-20520 (*)

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The Masses of Cameroun: Economic and Social
Life, by Igor de Carline, 223 pp. FOR OFFICIAL
USE ONLY
FRENCH, monograph, Les Masses du Cameroun-Vie
Econmique et Sociale, Paris, 1964.
CIA/DO/IR 892

Africa
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Mar 65

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High-Frequency Furnaces, by G. Ribaud, 23 pp.

FRENCH, per, Masson, Vol I, No 9, 1950, pp
447-466.

SLA Tr 57-1795

Sci

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The ZAM-2 Digital Computer -- Construction,
Programming, Application, by Konrad Failkowski.

POLISH. rpt, Maszyna Cyfrowa ZAM-2 -- Budowa,
Programowanie, Zastosowania, 69 pp.

*6**ACSI I-5749
ID 2204046664

Sci - Math & Data Proc
Nov 64

The Zame-2 Digital Computer, Structure -
Programming - Applications, by
Konrad Fialkowski, 38 pp.
POLISH, rpt, Maszyna Cyfrowa Zam-2,
Budowa - Programowanie - Zastosowania,
Warsaw, 1963, pp 1-71.
ACSI 1-5749
ID 2204046664

Sci - Elec
Jun 65

231,650

The Matenir-Batignolles Excavator and the Oleopel-
45CA Hydraulic Crane Shovel, 10 pp.
FRENCH, rpt, MAT 5251 bis, Series 1964; MAT 5266-21,
Series 1964 Documentation de l'Officier du Genre,
No 24.
ACSI I-5460
ID 2204037964

Sci - Engr
Sep 64

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Development and Testing of Wear-Resistant Ma-
terials, by I. H. Wahl, 9 pp.

German
UNKNOWN, per, Matalen, Vol IX, No 5, 1954,
pp 91-98.

SLA Tr 57-2003

Sci

Jul 58

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MATEPATIKAI ES TILHESZETIUDOMANVI ENTESI110
1911 V29 P112-117 70-21414 <*>
1911 V29 P346-350 70-21415 <*>

ORDER FROM NYC

62-17867

- I. Cartier, R.
- II. K-H-2883
- III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Cartier, Raymond.
THE DECEMBER BATTLE BETWEEN AMERICAN
MEDICINE AND THE TOBACCO MAGNATES. .

[1962] 18p.
Order from K-H \$23.00 K-H 2883

Trans. of le Match du Monde [sic] (France) 1954, 2 Jan,
p. 15-17, 20, 22.

DESCRIPTORS: *Tobacco. *Medical research. Smokes.

(Biological Sciences--Pathology, TT, v. 8, no. 12)

Mathematic Computing Machines, Symposium I, ~~by~~
CZECH , bk, Matematicke Stroje, 1953.

*ATIC F-TS-10124/V

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Sci - ~~Mathematics~~
Feb 1957 CTS/dex

Electric Probes For Measuring Thermal
Parameters of Liquids and Soft Materials,
by J. Krompasky, 19 pp.
CZECH, per, Matematicko-Fyzikalny
časopis, vol XIV, No 3, 1964, pp 250-251.
9697970
PTD-TT-65-371

Sci-Elect
Sep 65

289,000

Solution of Linear Equations (Linear Programming)
by Means of Their Simplex Method, by Kreko Bela,
6 pp. UNCL.

HUNGARIAN, per, A Matematikai Eszaki Interzet
Kozlemenyek, 1951, IV/3-4, pp 265-275.

ACSI H-8401
ID 2161167

~~Indication~~

Sci - Phys
Mar 61.

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Djuric, M. and Radenkovic, D.
THE BUCKLING OF ARCHES WITH HINGED ENDS
[AND] ON THE BUCKLING OF A CIRCULAR ARCH
UNDER VERTICAL LOADS, tr. by Mikola Franc.
1961, 11p. 3 refs. PL-480 Agr.
Order from OTS \$0.50

60-21707

Trans. of [Srpska Akademija Nauka]. Matematički
Institut. Publications (Yugoslavia) 1953, v. 5,
p. 45-52 and [Srpska] Akademija Nauka. Zbornik
Radova (Yugoslavia) 1952, v. 24 [Mashinski Institut
no. 4] p. 125-128.

DESCRIPTORS: *Structures, *Buckling, Load distribu-
tion, Deformation.

(Engineering--Civil, IT, v. 8, no. 9)

60-21707

- I. Djuric, M.
- II. Radenkovic, D.
- III. Title: On the ...
- IV. PL-480 Agr (60-21707)
- V. National Science Foundation,
Washington, D. C.
- VI. 60-21708, canceled

Office of Technical Services

H. Eltermann

Estimation of Error for Approximate Solutions of
Systems of First-Order Differential Equations.
GERMAN, per, Matematische Zeitschrift, Vol 62,
1955, pp 469-501.
NASA TT F 14,432

Oct 72

Neurological Clinical Pictures From a Geographical
Point of View, by R. Ch. Berarend, 20 pp.

UNCLASSIFIED

GERMAN, per, Materia Medica Nordmark, Vol VIII, No
2-3, Mar 1956, pp I-II.

NIH-2-30

Sc1 - Med

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Mar 58

The Polymerization of Acrylonitrile in Concentrated Salt Solutions, by C. Simionescu.
RUMANIAN, per, Materiale Plast, Vol 1, No 2,
1964, pp 77-81.
ATS-4861

Sci
Dec 68

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Electro-Polmerization of Vinyl Monomers. 1. Kolbe
Electrolysis as Source of Free Radicals in the Processes
of Polymerization, by C. Ungureanu.
ITALIAN, per Materiale Plastice, Vol. 1, No. 4, 1964,
pp 193-195
GB 39/HO 2287

Sci -
Aug 67

339-502

Potassium Salts, by J. M. Rios. 13 p.
SPANISH, mono, Materiales Salinos del
Suelo Espanol, Pt C. 1961, pp 119-147.
SIA TT-66-10213

Sci-Chem
Sept 66

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Ultrasonic Tests of Turbine and Generator Rotors,
by K. Slonek. UNCLASSIFIED

CZECH, per, Materialovy Sbornik, 1956, pp 157-168.

TIL Tr 4865

Sci - Eng
Jun 58

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A Method of Non-Destructive Measurement of
Carburised π Case Thickness, by L. Duben.
CZECH, per, Materialovy Sbornik, No 1, 1961,
pp 61-72.
BISI 3548

Stl - M/M
Apr 64

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New Method of Revealing Surface Defects, by
M. Tryta.
CZECH, per, Materialovy Sbornik, No 3, 1961,
pp 69-72.
BISI 8549

Sci - M/M
Jun 64

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Structural Sandwich Materials Based on Expanded
Plastics, by M. Vanek.
CZECH, per, Materialovy Sbornik, No 11, 1961,
pp 69-79.
GB/152

Sci - Mat/Met
Jun 64

261,235

Effect of Heat Treatment on Toughness of
Ferrite-Pearlite Steels, by J. Vrtel.

CZECH, per, Materialovy Sbornik, No 8, 1964,
pp 107-123.
BISI 5047

314,514

Sci - Materials
Jan 67

The Cracking and Fracture of Steel Charged With
Hydrogen, by P. Henry Bastien. UBCL

QUENCHING, pp. 126-127, 128, 129, Jan 1959,
pp 3-12.

British Iron and
Steel Ind 1260
(L7)

Sci - Min/Int
May 59

3LA 61-00618

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The Mutual Interaction of Alloying Elements
in Fluorescence Analysis, by H. Neff, 1 p.

MGERAMN, per, Materialprüfung, Vol. I.
No 3, 1959, pp 108-109.

Broken Hill Proprietary
Co Ltd (CRL/T.476)

Sci
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Practical Applications of X-Ray Analysis,
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Broken Hill Proprietary
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Sci
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DESCRIPTORS: *Mildew, Fungi, Molds, Micro-
organisms, Resistance, Classification, Tropical
deterioration, Tropical regions.

A classification is proposed for various degrees of
resistance to organisms. Not only mold fungi, but also
other deleterious organisms are considered because
the fundamental aspects are the same in all cases, and
the most uniform possible terminology is desirable.

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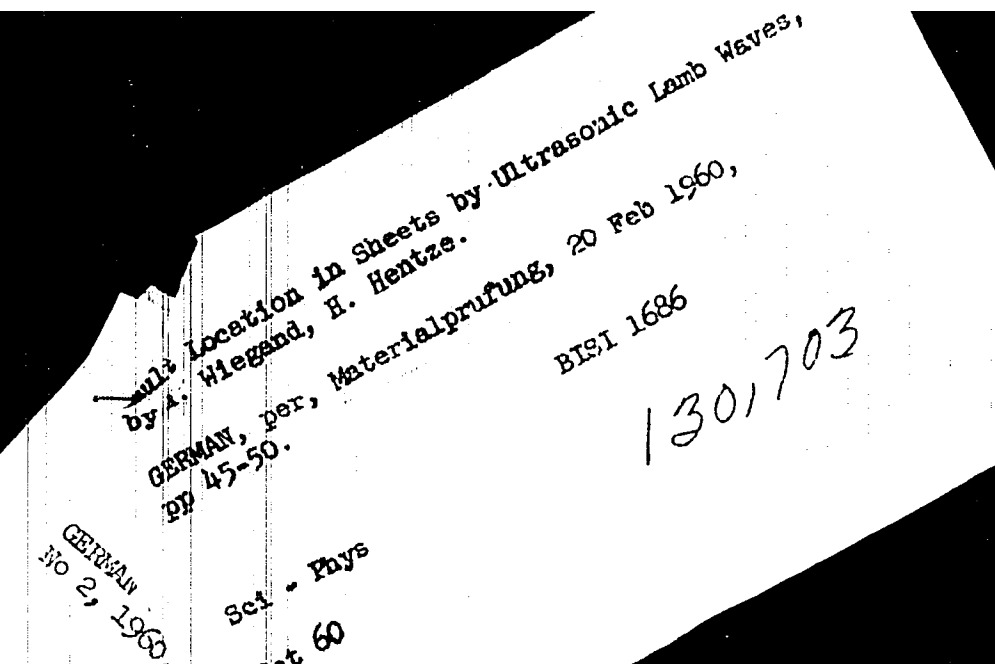
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Principles and Testing Possibilities of
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ELASTIC WAVES ON THE SURFACE OF SOLID,
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PLICATION TO NON-DESTRUCTIVE TESTING
MATERIALS (Elastische Wellen an der Oberfläche
Fester, Insbesondere Geschichteter Medien, und ihre
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[1962] [13]p. (foreign text included) 11 refs.

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Trans. of Materialprüfung (West Germany) 1960, v. 2,
no. 2, p. 51-55.

DESCRIPTORS: *Mechanical waves, Elasticity, Solids,
*Non-destructive testing, Surface properties, Propaga-
tion, Wave analysis, Mathematical analysis.

The author describes different types of elastic waves
on the surface of homogeneous and stratified solid
(Physics--Solid State, TT, v. 10, no. 2) (over)

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1. Title: Rayleigh waves
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PLICATION TO NON-DESTRUCTIVE TESTING
MATERIALS (Elastische Wellen an der Oberfläche
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on the surface of homogeneous and stratified solid
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